

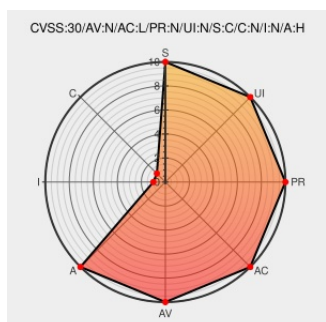


CVE-2018-15388

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CVE-2018-15388 - advisory for cisco-sa-20190501-sd-cpu-dos

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

Certain versions of [Adaptive Security Appliance Software](#) from [Cisco](#) contain the following vulnerability:

A vulnerability in the WebVPN login process of Cisco Adaptive Security Appliance (ASA) Software and Cisco Firepower Threat Defense (FTD) Software could allow an unauthenticated, remote attacker to cause increased CPU utilization on an affected device. The vulnerability is due to excessive processing load for existing WebVPN login

operations. An attacker could exploit this vulnerability by sending multiple WebVPN login requests to the device. A successful exploit could allow the attacker to increase CPU load on the device, resulting in a denial of service (DoS) condition.

CVE-2018-15388 has been assigned by [psirt@cisco.com](#) to track the vulnerability - currently rated as **HIGH** severity.

The Cisco Product Security Incident Response Team (PSIRT) is not aware of any public announcements or malicious use of the vulnerability that is described in this advisory.

Affected Vendor/Software: [Cisco](#) - **Cisco Adaptive Security Appliance (ASA) Software** version **9.4.4.34**

Affected Vendor/Software: [Cisco](#) - **Cisco Adaptive Security Appliance (ASA) Software** version **9.6.4.25**

Affected Vendor/Software: [Cisco](#) - **Cisco Adaptive Security Appliance (ASA) Software** version **9.8.4**

Affected Vendor/Software: [Cisco](#) - **Cisco Adaptive Security Appliance (ASA) Software** version **9.9.2.50**

CVSS3 Score: **8.6 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
CHANGED	NONE	NONE	HIGH

CVSS2 Score: **7.8 - HIGH**

Access

Access

Authentication

Vector	Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
Cisco Adaptive Security Appliance Software and Firepower Threat Defense Software WebVPN Denial of Service Vulnerability	Vendor Advisory tools.cisco.com text/html	CISCO 20190501 Cisco Adaptive Security Appliance Software and Firepower Threat Defense Software WebVPN Denial of Service Vulnerability

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Cisco	Adaptive Security Appliance Software	All	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	All	All	All	All
Application	Cisco	Adaptive Security Appliance Software	All	All	All	All
Hardware 	Cisco	Asa 5505	-	All	All	All
Hardware 	Cisco	Asa 5505	-	All	All	All
Hardware 	Cisco	Asa 5510	-	All	All	All
Hardware 	Cisco	Asa 5510	-	All	All	All
Hardware 	Cisco	Asa 5512-x	-	All	All	All
Hardware 	Cisco	Asa 5512-x	-	All	All	All
Hardware 	Cisco	Asa 5515-x	-	All	All	All
Hardware 	Cisco	Asa 5515-x	-	All	All	All
Hardware 	Cisco	Asa 5520	-	All	All	All
Hardware 	Cisco	Asa 5520	-	All	All	All
Hardware 	Cisco	Asa 5525-x	-	All	All	All
Hardware 	Cisco	Asa 5525-x	-	All	All	All
Hardware 	Cisco	Asa 5540	-	All	All	All

Hardware		Cisco	Asa 5540	-	All	All	All
Hardware		Cisco	Asa 5545-x	-	All	All	All
Hardware		Cisco	Asa 5545-x	-	All	All	All
Hardware		Cisco	Asa 5550	-	All	All	All
Hardware		Cisco	Asa 5550	-	All	All	All
Hardware		Cisco	Asa 5555-x	-	All	All	All
Hardware		Cisco	Asa 5555-x	-	All	All	All
Hardware		Cisco	Asa 5580	-	All	All	All
Hardware		Cisco	Asa 5580	-	All	All	All
Hardware		Cisco	Asa 5585-x	-	All	All	All
Hardware		Cisco	Asa 5585-x	-	All	All	All
Application		Cisco	Firepower Threat Defense	All	All	All	All
Application		Cisco	Firepower Threat Defense	All	All	All	All
cpe:2.3:a:cisco:adaptive_security_appliance_software:*****:							
cpe:2.3:o:cisco:adaptive_security_appliance_software:*****:							
cpe:2.3:a:cisco:adaptive_security_appliance_software:*****:							
cpe:2.3:h:cisco:asa_5505:-:*****:							
cpe:2.3:h:cisco:asa_5505:-:*****:							
cpe:2.3:h:cisco:asa_5510:-:*****:							
cpe:2.3:h:cisco:asa_5510:-:*****:							
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cpe:2.3:h:cisco:asa_5585-x:-:*****:
cpe:2.3:h:cisco:asa_5585-x:-:*****:
cpe:2.3:a:cisco:firepower_threat_defense:*****:
cpe:2.3:a:cisco:firepower_threat_defense:*****:

No vendor comments have been submitted for this CVE

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